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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-12-02-02** **Date: 18/12/2018**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Culvert and U Shape Drain for Secondary SWD Drains near Divya Enginering Works at Kammagondanahalli in Ward No.12.

Agency : Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.

Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (A)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.12 X 149.29 X 150.04	22262	**8.743**	604.5	27.2	27.4
2	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.13 X 151.65 X 151.95	22617	**8.530**	599.5	26.5	
3	M25 Concrete (A)	M25	20/11/2018	18/12/2018	150.56 X 151.88 X 149.71	22867	**8.883**	653.1	28.6	

Note:
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2019-12-02-02** **Date: 27/11/2018**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Culvert and U Shape Drain for Secondary SWD Drains near Divya Enginering Works at Kammagondanahalli in Ward No.12.

Agency : Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.

Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (A)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (A)	M25	20/11/2018	27/11/2018	149.23 X 149.44 X 149.44	22301	8.046	531.6	23.8	23.1
2	M25 Concrete (A)	M25	20/11/2018	27/11/2018	149.53 X 149.74 X 149.08	22389	8.919	510.1	22.8	
3	M25 Concrete (A)	M25	20/11/2018	27/11/2018	151.47 X 149.04 X 150.63	22575	9.058	515.0	22.8	

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Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (A)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.99 X 151.92 X 150.83	22786	8.996	620.3	27.2	27.7
2	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.92 X 151.28 X 150.21	22679	8.569	611.3	27.0	
3	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.90 X 150.51 X 149.06	22560	8.742	653.2	29.0	

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Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

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Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (A)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (A)	M25	20/11/2018	27/11/2018	151.53 X 151.81 X 151.85	23004	8.046	541.9	23.6	22.7
2	M25 Concrete (A)	M25	20/11/2018	27/11/2018	151.80 X 150.01 X 150.65	22772	8.919	504.2	22.1	
3	M25 Concrete (A)	M25	20/11/2018	27/11/2018	149.06 X 150.59 X 150.73	22447	9.058	501.0	22.3	

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Lab ID	:	CP-2019-12-02-02 **Date: 18/12/2018**
Customer	:	Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of RCC Culvert and U Shape Drain for Secondary SWD Drains near Divya Enginering Works at Kammagondanahalli in Ward No.12.
Agency	:	Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.
Customer's Reference	:	EE/SWD/DHZ/WO/05/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-11-18
Customer ID	:	M25 Concrete (A)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (A)	M25	20/11/2018	18/12/2018	151.65 X 150.27 X 151.26	22789	**8.421**	615.4	27.0	27.3
2	M25 Concrete (A)	M25	20/11/2018	18/12/2018	149.90 X 150.78 X 150.96	22603	**8.296**	606.8	26.8	
3	M25 Concrete (A)	M25	20/11/2018	18/12/2018	151.35 X 151.81 X 150.75	22976	**8.800**	644.1	28.0	

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Agency : Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.

Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (B)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	27/11/2018	150.13 X 149.44 X 149.30	22435	8.046	520.1	23.2	22.8
2	M25 Concrete (B)	M25	20/11/2018	27/11/2018	149.27 X 150.50 X 150.75	22465	8.919	506.5	22.5	
3	M25 Concrete (B)	M25	20/11/2018	27/11/2018	151.97 X 149.15 X 149.25	22665	9.058	515.0	22.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/12/2018

Lab ID	:	**CP-2019-12-02-02**
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Customer's Reference	:	EE/SWD/DHZ/WO/05/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-11-18
Customer ID	:	M25 Concrete (B)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	18/12/2018	151.37 X 151.67 X 151.79	22959	8.697	624.3	27.2	27.3
2	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.63 X 150.32 X 149.95	22642	9.044	594.0	26.2	
3	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.33 X 149.39 X 150.62	22457	8.853	640.8	28.5	

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Agency : Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.

Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (B)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	27/11/2018	150.53 X 151.00 X 151.70	22730	8.046	543.7	23.9	22.9
2	M25 Concrete (B)	M25	20/11/2018	27/11/2018	149.11 X 149.81 X 150.30	22338	8.919	492.5	22.0	
3	M25 Concrete (B)	M25	20/11/2018	27/11/2018	151.49 X 151.91 X 150.75	23013	9.058	522.2	22.7	

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Customer's Reference	:	EE/SWD/DHZ/WO/05/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	22-11-18
Customer ID	:	M25 Concrete (B)
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.33 X 150.23 X 149.75	22584	8.297	619.3	27.4	27.4
2	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.32 X 150.37 X 150.81	22604	8.747	598.8	26.5	
3	M25 Concrete (B)	M25	20/11/2018	18/12/2018	151.89 X 150.34 X 149.04	22835	8.452	645.4	28.3	

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Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (B)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 27/11/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	27/11/2018	150.52 X 151.39 X 151.20	22788	8.046	544.4	23.9	23.1
2	M25 Concrete (B)	M25	20/11/2018	27/11/2018	150.00 X 150.07 X 150.22	22510	8.919	516.5	22.9	
3	M25 Concrete (B)	M25	20/11/2018	27/11/2018	151.41 X 150.65 X 149.55	22810	9.058	513.1	22.5	

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ಬೃಹತ್ ಮಳೆ ನೀರುಗಾಲುವೆ ಉಪ-ವಿಭಾಗ,
ಗಾಸರಹಳ್ಳಿ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

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Quality Manager

CIVIL Pro Sig. Date BANGALORE

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****End of Report****

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AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2019-12-02-02 **Date: 18/12/2018**

Customer : Assistant Executive Engineer, Dasarahalli Sub Division, BBMP, Bangalore.

Address : Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of RCC Culvert and U Shape Drain for Secondary SWD Drains near Divya Enginering Works at Kammagondanahalli in Ward No.12.

Agency : Smt K.Jayamma, #H No: 74, Behind Grama Panchayat Office, Sgnabhog Layout, Dasanapura, Bangalore-562133.

Customer's Reference : EE/SWD/DHZ/WO/05/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 22-11-18

Customer ID : M25 Concrete (B)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/12/2018

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.35 X 150.21 X 151.56	22583	8.609	629.9	27.9	27.6
2	M25 Concrete (B)	M25	20/11/2018	18/12/2018	150.80 X 151.00 X 149.79	22770	8.249	594.0	26.1	
3	M25 Concrete (B)	M25	20/11/2018	18/12/2018	149.65 X 149.10 X 150.69	22312	8.417	642.9	28.8	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

ಬೃಹತ್ ಮಳೆ ನೀರುಗಾಲುವೆ ಉಪ-ವಿಭಾಗ,
ಗಾಣಿಗರಹಳ್ಳಿ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

BVH CONSULTING ENGINEERS BENGALURU

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro Sig. Date BANGALORE

****End of Report****

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